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Docket No.: 005918 USA/FPS/MMCS/APC



1765

PATENT/OFFICIAL

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of :

SHANMUGASUNDRAM et al. :

Serial No. 09/943,955 : Group Art Unit: 1765

Filed: August 31, 2001 : Examiner: Lynette T. Umez Eronini

For: FEEDBACK CONTROL OF A CHEMICAL MECHANICAL POLISHING DEVICE
PROVIDING MANIPULATION OF REMOVAL RATE PROFILES

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Honorable Commissioner for Patents
Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449. It is respectfully requested that the documents be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

This submission does not constitute a representation that a search has been made or that no better art exists and does not constitute an admission or representation that any of the listed documents is material or constitutes prior art. If it should be determined that any of the listed documents does not constitute prior art under the United States law, Applicants reserve the right

Serial No. 09/943,955

to present to the Office the relevant facts and law regarding the appropriate status of such document.

No certification or fee is believed to be required. However, the Commissioner is hereby authorized to charge any additional fees should any be required for this submission, or credit any overpayment to deposit account no. 08-0219.

Respectfully submitted,

HALE AND DORR LLP



Scott M. Alter
Registration No. 32,879

The Willard Office Building
1455 Pennsylvania Avenue, NW
Washington, DC 20004
TEL (703) 654-7021 SMA/lrm
FAX (703) 654-7100
Date: 3/29/04

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(PTO-1449)



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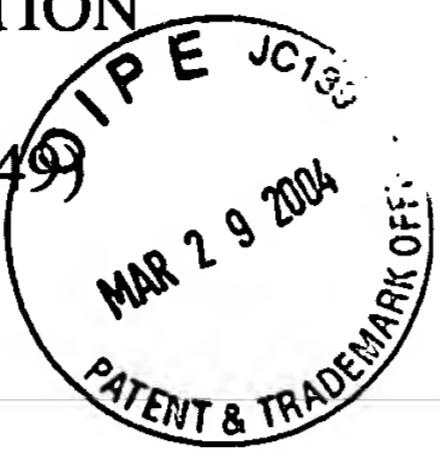
U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	4,901,218	02/13/90	Cornwell			03/04/88
	5,427,878	06/27/95	Corliss			05/16/94
	5,761,065	06/02/98	Kittler et al.			03/30/95
	5,862,054	01/19/99	Li			02/20/97
	5,912,678	06/15/99	Saxena et al.			04/14/97
	5,926,690	07/20/99	Toprac et al.			05/28/97
	6,074,443	06/13/00	Venkatesh et al.			01/29/98
	6,111,634	08/29/00	Pecen et al.			05/28/97
	6,150,664	11/21/00	Su			06/29/99
	6,245,581 B1	06/12/01	Bonser et al.			04/19/00
	2001/0044667 A1	11/22/01	Nakano et al.			05/16/01
	6,346,426 B1	02/12/02	Toprac et al.			11/17/00
	6,363,294 B1	03/26/02	Coronel et al.			12/29/98
	6,442,496 B1	08/27/02	Pasadyn et al.			08/08/00
	6,486,492 B1	11/26/02	Su			11/20/00
	6,492,281 B1	12/10/02	Song et al.			09/22/00
	6,540,591 B1	04/01/03	Pasadyn et al.			04/18/01
	6,560,504 B1	05/06/03	Goodwin et al.			09/29/99
	6,590,179 B2	07/08/03	Tanaka et al.			02/26/01
	6,604,012 B1	08/05/03	Cho et al.			08/23/00
	6,618,692 B2	09/09/03	Takahashi et al.			02/26/01
	6,625,497 B2	09/23/03	Fairbairn et al.			07/10/01
	6,640,151 B1	10/28/03	Somekh et al.			12/22/99
EXAMINER			DATE CONSIDERED			

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No
	0 397 924 A1	11/22/90	Europe			X	

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

Rocha, Joao and Carlos Ramos. September 12, 1994. "Task Planning for Flexible and Agile Manufacturing Systems." *Intelligent Robots and Systems '94. Advanced Robotic Systems and the Real World, IROS '94. Proceedings of the IEEE/RSJ/GI International Conference on Munich, Germany 12-16 Sept. 1994.* New York, New York: IEEE. pp. 105-112.

March 15, 2002. Office Action for U.S. Serial No. 09/469,227, filed December 22, 1999.

March 29, 2002. Office Action for U.S. Serial No. 09/363,966, filed July 29, 1999.

June 20, 2002. Office Action for U.S. Serial No. 09/619,044, filed July 19, 2000.

September 26, 2002. Office Action for U.S. Serial No. 09/637,620, filed August 11, 2000.

October 23, 2002. Office Action for U.S. Serial No. 09/469,227, filed December 22, 1999.

December 17, 2002. Office Action for U.S. Serial No. 09/363,966, filed July 29, 1999.

February 10, 2003. Office Action for U.S. Serial No. 09/619,044, filed July 19, 2000.

April 9, 2003. Office Action for U.S. Serial No. 09/928,474, filed August 14, 2001.

May 8, 2003. Office Action for U.S. Serial No. 09/637,620, filed August 11, 2000.

June 18, 2003. Office Action for U.S. Serial No. 09/655,542, filed September 6, 2000.

August 8, 2003. International Search Report for PCT/US03/08513.

August 25, 2003. Office Action for U.S. Serial No. 10/100,184, filed March 19, 2002.

September 15, 2003. Office Action for U.S. Serial No. 09/928,474, filed August 14, 2001.

November 5, 2003. Office Action for U.S. Serial No. 10/172,977, filed June 18, 2002.

December 1, 2003. Office Action for U.S. Serial No. 10/173,108, filed June 18, 2002.

December 11, 2003. Office Action for U.S. Serial No. 09/943,383, filed August 31, 2001.

December 16, 2003. International Search Report for PCT/US03/23964.

January 20, 2004. Office Action for U.S. Serial No. 09/927,444, filed August 13, 2001.

January 23, 2004. International Search Report for PCT/US02/24860.

February 2, 2004. Office Action for U.S. Serial No. 09/363,966, filed July 29, 1999.

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